POWER VISION

Television

- *Real Flat Colour Television with Built-in DVD Player*
- *Black Matrix Real-Flat Tube*
- *Scan Velocity Modulation (SCAVEM)*
- *Incredible Picture*
- *Colour Transient Improver*
- *Contrast +*
- *20W RMS + 10W RMS Active Sub-woofer*
- *Incredible Surround*
- *Auto Volume Leveller*
- *100 Page Teletext (Opt)*
- *Side Av In/Out*

REAL FLAT

INCREDIBLE PICTURE

SCAVEM SCAN VELOCITY MODULATION

COLOUR TRANSIENT IMPROVER

CONTRAST +

Incredible Surround

DVD

- *DVD / S-VCD / Video CD / Audio CD play back*
- *CD-R and CD-RW Compatible*
- *Advance DVD-Video technology, including 10-bit video DAC, 24-bit/96kHz Audio DAC*
- *Dual Laser optical pickup unit*
- *NTSC/PAL playback*
- *Multi system Video out*
- *Perfect Still picture and multiple Zoom*
- *Super-suspension for ultimate stable play-back*
- *TruSurround™ 3-Dimensional Virtual Surround Sound*
- *Digital Audio/Optical output (PCM / MPEG / AC-3 / DTS)*
- *Dolby Pro Logic™ for analog out*
- *DTS Digital Out*
- *Enhanced Parental Control with Disc Lockout*
- *5-Disc Resume, for uninterrupted viewing*

DVD VIDEO

Rewritable CD COMPATIBLE

Video CD

COMPACT disc DIGITAL AUDIO

COMPACT disc DIGITAL VIDEO

Dual Laser DRIVE

DOLBY DIGITAL

dts DIGITAL OUT

5 DISC

DISC LOCK

Let's make things better.

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Product Information

Television

Display
Black Matrix Real Flat Tube
A technological breakthrough over the rounded conventional tubes. It delivers excellent picture quality, perfect images from any angle of the screen and an anti-reflection coating to prevent straining of the eye for maximum viewing comfort.

Picture
Incredible Picture
Creates a remarkable increase in clarity and sharpness at the point of transition from dark to light areas of the video image for a picture so sharp and well defined that you'll never want to go to the movies again. Package includes:
• Green Enhancement
• Luminance Transcient Improver
• Skin Tone Correction

Colour Transient Improver
Actively processes the colour (chrominance) signals for enhanced depth and colour definition.

Contrast +
Greatly enhances the degree of black to white contrast, thus optimising the total contrast for improved picture quality.

3-Position Colour Temperature (Warm, Normal, Cool)
Dynamic Noise Reduction (DNR)
Smart Picture (Soft, Natural, Rich, Personal)

Reception
• Tuning system	PLL digital tuning
• Tuner	UV, S and H Tuner
• Channel selection	PAL: 100 presets
	NTSC: 181 presets
• Video playback	NTSC 3.58/4.43/PAL 60

Teletext (when available)
• 100-Page Teletext (Fastext)
A Teletext system to choose Teletext-pages via 4-coloured "fast" keys on the remote control with storage capability of up to 100 pages.
• Reception standards	TOP/FLOF

Operation
Remote control	RCAB011_SI
Number of remote control buttons	42 buttons

Sound
Incredible Surround
An exciting psycho-acoustic method of widening the stereo spatial image for full-impact home entertainment.

Auto Volume Leveller
Suppresses unexpected volume increases in the sound modulation while viewing commercials or when switching broadcast channels.
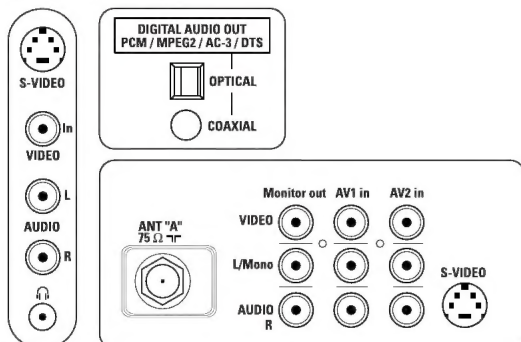
NICAM/2CS
Smart Sound (Theatre, Music, Voice, Normal)
Sound Output	2 X 10 W RMS + 10W RMS Active Subwoofer
Loudspeaker used	Full range
Loudspeaker size	1.7" X 6"

Convenience
Hotel Mode
Multi Language On-screen Display
On-screen Volume Bar
Smart Clock
Smart Lock
Smart Surf Plus

A/V Connections

1 typical playing time for movie with 2 spoken languages and 3 subtitle languages.
2 Equivalent to 500 lines on your TV.

Chassis	:	A10
Release Date	:	Oct 2000
Reference	:	A10/BCT/Mainstream

DVD Player

Playback system
• DVD Video
• Video CD
• Audio CD
• CD-R & CD-RW Compatible

Optical Read-out System
• Laser type	Semiconductor AlGaAs
• Numerical Aperture	0.6 (DVD)
	0.45 (VCD/CD)
	650 nm (DVD)
	780 nm (VCD/CD)

DVD Disc Format
• Medium	Optical disc
• Diameter	12 cm (8 cm)
• Playing time (12 cm)	
one layer	2.15h[1]
dual layer	4h[1]
two side, single layer	4.30h[1]
two side, dual layer	8h[1]

TV Standard
	PAL	NTSC
	50 Hz	60 Hz
• Number of lines	625	625
• Playback	Multistandard (PAL/NTSC)	

Video Format
• DA Convertor	10 bits
• Signal handling	Components
• Digital Compression	MPEG2 for DVD
	MPEG1 for VCD

DVD	50 Hz	60Hz	**VCD**		
• Hor. Resolution	720 pixels[2]	720 pixels[2]	• Hor. Resolution	352 pixels	352 pixels
• Vert. Resolution	576 lines	480 lines	• Vert. Resolution	288 lines	240 lines

Audio Format
• Digital	MPEG/	Compressed Digital
	AC-3	
	PCM	16, 20, 24 bit
		fs, 48, 96 kHz

• Analog Sound Stereo
Dolby Pro Logic downmix from multi channel sound 3D Sound for virtual 5 channel sound on 2 speakers.

Audio Performance
• DA Converter	24 bits	
• DVD	fs 96 kHz	4 Hz - 44 kHz
	fs 48 kHz	4 Hz - 22 kHz
• Video CD	fs 48 kHz	4 Hz - 22 kHz
• CD	fs 44.1 kHz	4 Hz - 20 kHz
Signal-Noise	(1 kHz)	100 dB
Dynamic Range	(1 kHz)	100 dB
Crosstalk	(1 kHz)	110 dB
Distortion / Noise	(1 kHz)	90 dB

Connection
Digital Output	1 coaxial, 1 optical
	IEC958 for CDDA/LPCM
	IEC1937 for MPEG1/2, AC-3
	DTS

General Functionality
Stop / Play / Pause
Fast Forward / Backward (2 Speed)
Slow
Title / Track Select
Skip Next / Skip Previous
Perfect Still with digital multi-tap filter
Zoom (x2, x4) with picture enhancement
3D Sound

DVD Functionality
Multi-angle Selection	
Audio Selection	(1 out of max. 8 languages)
Subtitles Selection	(1 out of max. 32 languages)
Aspect Ratio conversion	(16:9, 4:3 Letterbox, 4:3 Pan Scan)
Parental Control and Disk lockout	
Disc Menu support	(Title Menu and Root Menu)
Resume	(5 discs) after stop / standby
Programming Titles / chapters with Favourite Selection	

Video CD Functionality
Playback Control for VCD 2.0 discs	
Parental Control and Disk lockout	
Resume	(5 discs) after stop / standby
Programming Tracks with Favourite Selection	

Audio CD Functionality
Time Display	(Total / Track / Remaining Track Time)
Full audio functionality with remote control	
Programming with Favourite Track Selection (FTS)	

Measurements
Screen size	29" (72 cm)
Aspect Ration	4:3
Mains	90-276V
	(except /79R NZ/Aust 160 - 276V)
Power Consumption	118 Watts (Normal operation)
	8 Watts (Standby)
Net Weight	42 Kg
Gross Weight	55 Kg
Set Dimension	780 x 525 x 590
	(Width x Depth x Height mm)
Box Dimension	916 x 728 x 789
	(Width x Depth x Height mm)
Container loading (per 40 ft, loose)	117 sets

Features and specifications subject to change without notice

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